

# RGB

## RGBO WITH REMOVABLE END

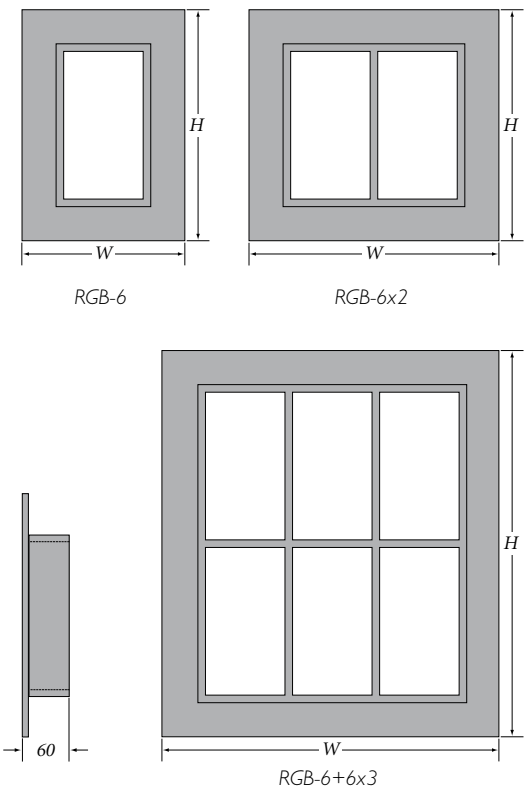
RGB is MCT Brattbergs standard frame for embedment or built-in. For EMC protection the frame shall be welded into the wall structure or to a facing plate to get eart bounding. RGB comes in four different sizes, in varying height and designates RGB-2, RGB-4, RGB-6 and RGB-8. The width dimension is always the same, 120 mm, as well as the depth 60 mm. The frame profiles width are 60 mm and the thickness of the material is 6 mm. For installations where cables already are in place the RGBO frame with openable gable is used. More information about combination frames can be found on page 10.



Size in mm								
FRAME SIZE	H (height)	W (width) Combination frames						
		x 1	x 2	x 3	x 4	x 5	x 6	x n
RGB-2	221	240.5	371	501.5	632	762.5	893	W = 110+ 130.5 x n
RGB-4	279.5	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-6	338	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-8	396.5	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-2+2	332	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-2+4	390.5	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-2+6	449	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-2+8	507.5	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-4+4	449	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-4+6	507.5	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-4+8	566	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-6+6	566	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-6+8	624.5	- " -	- " -	- " -	- " -	- " -	- " -	
RGB-8+8	683	- " -	- " -	- " -	- " -	- " -	- " -	

Size chart in mm

n = number of frames in width.  
Tolerances single frame: 3.5 mm.  
Thickness of material 6 mm except for internal horizontal and vertical walls in combination frames such as 10 mm.

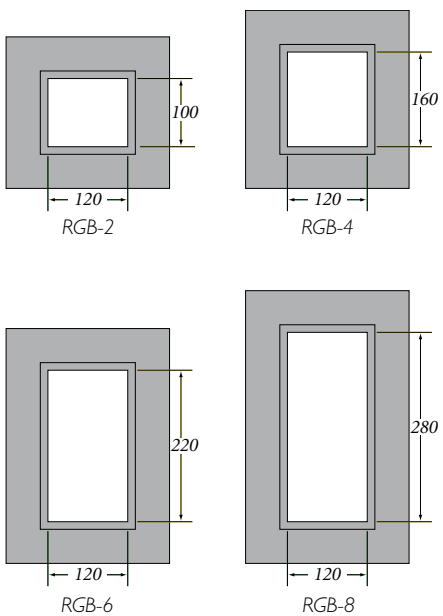


Weight in kilograms

MATERIAL	FRAME SIZE	W (width) Combination frames						
		x 1	x 2	x 3	x 4	x 5	x 6	
STEEL  SS EN 10025- S235JRG2 DIN RST 37-2 BS 4360 gr: 40 NS 17100	RGB-2	3.1	5.0	6.9	8.8	10.7	12.6	
	RGB-4	3.8	5.9	8.1	10.2	12.4	14.6	
	RGB-6	4.4	6.8	9.2	11.5	13.8	16.3	
	RGB-8	5.0	7.7	10.4	13.1	15.8	18.5	
	RGB-2+2	5.0	7.9	10.9	13.9	16.8	19.8	
	RGB-2+4	5.6	9.0	12.4	15.7	19.1	22.4	
	RGB-2+6	6.2	9.9	13.6	17.3	21.0	24.7	
	RGB-2+8	6.9	11.0	15.1	19.2	23.3	27.4	
	RGB-4+4	6.2	9.9	13.6	17.3	21.0	24.7	
	RGB-4+6	6.9	11.0	15.1	19.2	23.3	27.4	
	RGB-4+8	7.4	11.8	16.2	20.6	25.0	29.4	
	RGB-6+6	7.4	11.8	16.2	20.6	25.0	29.4	
	RGB-6+8	8.1	13.0	17.9	22.7	27.6	32.4	
	RGB-8+8	8.9	14.2	19.5	24.9	30.2	35.5	
	STAINLESS STEEL  DIN 1,4404 ASTM/316 L AiSi 316 L BS 970 gr: 316 S11 NS 14450	RGB-2	3.2	5.1	7.1	9.0	11.0	12.9
		RGB-4	3.9	6.1	8.3	10.5	12.7	14.9
RGB-6		4.5	6.9	9.4	11.8	14.2	16.7	
RGB-8		5.2	7.9	10.7	13.5	16.2	19.0	
RGB-2+2		5.1	8.1	11.2	14.2	17.2	20.3	
RGB-2+4		5.8	9.2	12.7	16.1	19.6	23.0	
RGB-2+6		6.3	10.1	13.9	17.8	21.6	25.4	
RGB-2+8		7.1	11.3	15.5	19.7	23.9	28.1	
RGB-4+4		6.3	10.1	13.9	17.8	21.6	25.4	
RGB-4+6		7.1	11.3	15.5	19.7	23.9	28.1	
RGB-4+8		7.6	12.1	16.6	21.1	25.6	30.1	
RGB-6+6		7.6	12.1	16.6	21.1	25.6	30.1	
RGB-6+8		8.4	13.3	18.3	23.3	28.3	33.3	
RGB-8+8		9.1	14.6	20.0	25.5	31.0	36.4	
ALUMINIUM  EN AW6082 DIN ALMG SI 1 A 6082 BS H30/6082 TF NS 17305		RGB-2	1.1	1.8	2.5	3.1	3.8	4.4
		RGB-4	1.4	2.1	2.9	3.6	4.4	5.1
	RGB-6	1.6	2.4	3.2	4.1	4.9	5.7	
	RGB-8	1.8	2.7	3.7	4.6	5.6	6.5	
	RGB-2+2	1.8	2.8	3.9	4.9	5.9	7.0	
	RGB-2+4	2.0	3.2	4.4	5.5	6.7	7.9	
	RGB-2+6	2.2	3.5	4.8	6.1	7.4	8.7	
	RGB-2+8	2.4	3.9	5.3	6.7	8.2	9.6	
	RGB-4+4	2.2	3.5	4.8	6.1	7.4	8.7	
	RGB-4+6	2.4	3.9	5.3	6.7	8.2	9.6	
	RGB-4+8	2.6	4.2	5.7	7.2	8.8	10.3	
	RGB-6+6	2.6	4.2	5.7	7.2	8.8	10.3	
	RGB-6+8	2.9	4.6	6.3	8.0	9.7	11.4	
	RGB-8+8	3.2	5.0	6.9	8.7	10.6	12.5	

Weight chart in kilograms

Standard frames in four different sizes: 2, 4, 6 and 8 which mark different heights. All have the same width. See below.



# Multiple Frames



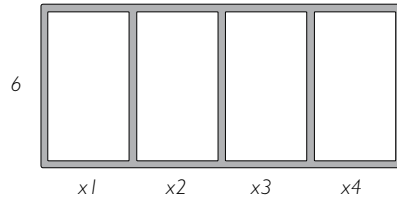
RGS frame



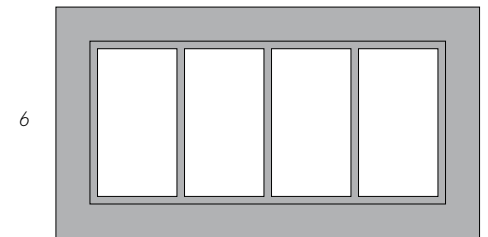
RGB frame

## HORIZONTAL MULTIPLE FRAMES

Horizontal multiple frames are described by listing the frame type and size x the desired number of horizontal openings.



RGS 6x4

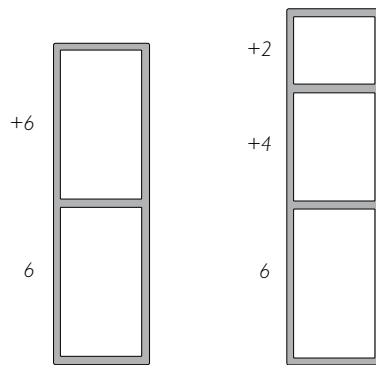


RGB 6x4

Designation:

## VERTICAL MULTIPLE FRAMES

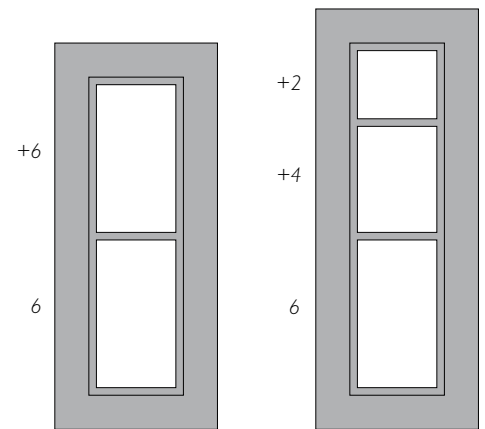
Vertical multiple frames are described by listing the bottom frame type and size + the next frame type and size.



RGS 6+ 6

RGS 6+4+2

Designation  
(starting at bottom):

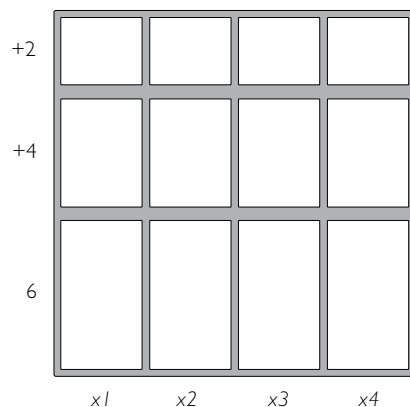


RGB 6+6

RGB 6+4+2

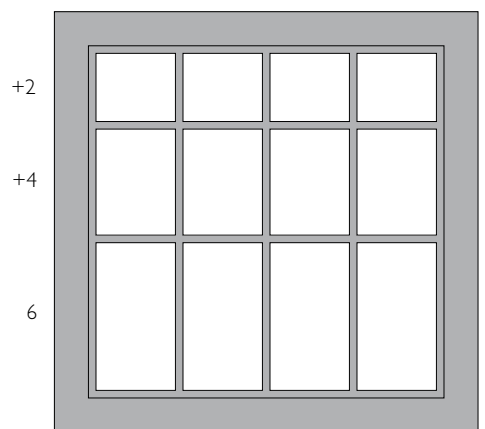
## VERTICAL AND HORIZONTAL MULTIPLE FRAMES

List the entire vertical frames x the desired number of horizontal repetitions.



RGS 6+4+2x4

Designation  
starting at bottom:



RGB 6+4+2x4

NOTE: All multiple frame designations must be preceded by the frame type.